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What is claimed is:

1. A composition for increasing cytotoxic T-cell lytic activity comprising antalarmin and a pharmaceutically acceptable vehicle.
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2. A composition for treatment of human ovarian cancer comprising antalarmin and a pharmaceutically acceptable vehicle.
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3. A method for increasing cytotoxic T-cell lytic or anti-tumor activity comprising:
 - a) measuring a first level of cytotoxic T-cell lytic activity in cells or tissues;
 - 15 b) contacting said cells or tissues with an effective amount of antalarmin and a pharmaceutically acceptable vehicle; and
 - c) measuring a second level of cytotoxic T-cell lytic activity in said cells or tissues, wherein contacting of
20 cells or tissues with antalarmin results in an increase in the second level of lytic activity as compared to the first level of lytic activity.
4. The method of claim 3 wherein said cells or
25 tissues are human ovarian carcinoma cells.
5. A method for killing tumor cells in a tumor-bearing animal comprising administering to a tumor-bearing animal an effective amount of antalarmin and a
30 pharmaceutically acceptable vehicle wherein antalarmin increases cytotoxic T-cell lytic activity or anti-tumor activity at tumor sites so that said tumor cells are killed.

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6. The method of claim 5 wherein said tumor cells are ovarian carcinoma cells.

7. A method of treatment of ovarian cancer
5 comprising administering to a patient with ovarian cancer an effective amount of antalarmin and a pharmaceutically acceptable vehicle so that cytotoxic T-cell lytic activity or anti-tumor activity at the ovarian tumor site of said patient is increased and said tumor cells are killed.